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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Usuka *et al.*

Confirmation No.: 3878

Serial No.: 10/015,167

Art Unit: 1631

Filed: December 11, 2001

Examiner: Eric S. DeJong

For: SYSTEM AND METHOD FOR  
PREDICTING CHROMOSOMAL  
REGIONS THAT CONTROL  
PHENOTYPIC TRAITS

Attorney Docket No: 9080-016-999  
(800935-999015)

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on July 20, 2005 in connection with the above-captioned patent application, and in light of the January 12, 2005 Advisory Action in which certain of the rejections raised in the July 20, 2005 Office Action were withdrawn, please consider the following remarks. With this amendment is enclosed a Statement of the Substance of an Interview held with the Examiner on February 1, 2006. No extension of time is believed due because February 20, 2006 is a Federal Holiday and a Notice of Appeal was Filed on December 19, 2005.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 4 of this paper.

**Remarks / Arguments** begin on page 17 of this paper.